



030104

UTILITY PATENT APPLICATION TRANSMITTAL

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No. 23696
Attorney Docket No.: 030213
Date: March 1, 2004
Express Mail Label No.: EV384116193US

19270 U.S.PTO
10/791314
030104

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Ashok Mantravadi and Avneesh AgrawalFor: Hierarchical Coding with Multiple Antennas in a Wireless Communication System

Enclosed are:

1. Patent application (60) total pages.
2. Drawings: Formal (18) sheet(s) or Informal () sheet(s).
3. Declaration/Power of Attorney: Signed Unsigned
4. This application claims priority from Application Serial No. 60/506,466, Filed September 25, 2003, Status pending.
5. An Assignment (2) pages and Recordation Form Cover Sheet.
6. A Preliminary Amendment () pages.
7. Information Disclosure Statement (IDS):
 - a. PTO-1449
 - b. Copies of IDS Citations (number of citations:)
8. Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	42 - 20	22	x \$18 =	\$396
Independent**	12 - 3	9	x \$86 =	\$774
Multiple Dependent Claim(s):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		\$290	\$0
APPLICATION FILING FEE			\$770	\$770
			TOTAL FEE	\$1940

*If the number in column a is less than 20, enter 0 in column b.

**If the number in column b is less than 3, enter 0 in column b.

9. A check in the amount of \$ _____ is enclosed to pay the filing fee.
10. Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1940. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
11. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: March 1, 2004Signature: Sandip (Micky) S. Minhas, Reg. No. 44,945
(858) 651-4908**CORRESPONDENCE ADDRESS**

Send correspondence to Customer No. 23696 at the following address:

QUALCOMM Incorporated
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 658-5787
Facsimile: (858) 658-2502